

## Abstract

The present invention provides pigment-comprising aqueous  
5 formulations which comprise

- 10 i) at least one copolymer P of ethylenically unsaturated mono-  
mers M in the form of an aqueous polymer dispersion which  
comprises from 0.1 to 1.5% by weight, based on the overall  
weight of the copolymer P, of itaconic acid as acidic monomer  
M1, its salts and/or its anhydride in copolymerized form, it  
15 being possible for up to 50% by weight of the itaconic acid  
to be replaced by another monomer having at least one acid  
group or one neutralized acid group, and has a glass transi-  
tion temperature  $T_g$  in the range from -10 to +50°C,
- ii) at least one inorganic pigment,
- iii) if desired, inorganic fillers/extenders, and
- 20 iv) customary auxiliaries.

The present invention also provides for the use of the copolymers  
P comprising itaconic acid for improving the wet abrasion  
25 resistance of polymer-bound pigmented coating compositions.

30

35

40

45